

State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
Division of State Parks
Honolulu, Hawaii

January 25, 2008

Board of Land and Natural Resources
State of Hawaii
Honolulu, Hawaii

SUBJECT: Request for Approval of the Placement of Hazard Signs on Improved Public Lands Along the Kauai Bicycle and Pedestrian Pathway for Lihi Park to Kealia Beach, County of Kauai Pursuant to Act 82, Session Laws of Hawaii, 2003

This is a request for approval for the placement of hazard signs along the Kauai Bicycle and Pedestrian Pathway from Lihi Park to Kealia Beach on Kauai. The Board, following the recommendation of the Risk Assessment Working Group, previously approved the sign designs, and sign placement at a number of park and trail locations.

Pursuant to Chapter 13-8, HAR, the following guidelines have been used for determination of the placement of signage:

§13-8-9 Public use and exposure. (a) Traffic patterns and managed access points of people accessing the improved public lands shall be considered when placing signs. (b) The type, frequency, and location of incidents or potential public exposure relating to specific dangerous natural conditions when known on the improved public lands shall be considered when placing signs.

§13-8-10 Placement. Sign(s) shall be placed at or near access points, i.e., along vehicle and pedestrian traffic corridors in clearly visible locations placed as close as possible to the potentially dangerous natural conditions on improved public lands and at managed designated entrances where the signs will be seen as users enter improved public lands. View sheds, aesthetics, and feasibility of installation shall be considered in the placement of the signs. Signs shall be installed with consideration for the average adult line of sight but outside the general path of travel to avoid physical contact with signs. Signs may be attached to posts or by any other method of installation depending on the nature of the location and terrain.

ITEM E-2

Attached as Exhibit 1 is a request and maps from the County of Kauai for Board approval of locations for entrance and site specific signs warning of falling rocks and hazardous cliffs along the new bicycle and pedestrian pathway. The County is working toward a February 15, 2008 opening date for the portion of the pathway, and would like to have appropriate, approved signage posted.

The Risk Assessment Working Group is recommending approval of the sign locations.

RECOMMENDATION:

That the Board:

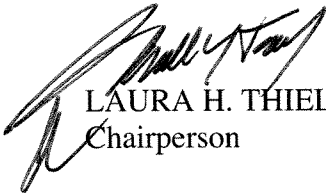
Approve the placement of signs along the Kauai Bicycle and Pedestrian Pathway from Lihi Park to Kealia Beach.

Respectfully submitted,



DANIEL S. QUINN
State Parks Administrator

APPROVED FOR SUBMITTAL:



LAURA H. THIELEN
Chairperson

Attachment: Exhibit 1 Request from the County of Kauai and maps depicting the placement of signs along the Kauai Bicycle and Pedestrian Pathway from Lihi Park and Kealia Beach

BRYAN J. BAPTISTE
Mayor



MATTHEW S. K. PYUN, JR.
County Attorney

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STATE PARK

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DEPT OF LAND
NATURAL RES

OFFICE OF THE COUNTY ATTORNEY

COUNTY OF KAUAI, STATE OF HAWAII
MO'IKEHA BUILDING
4444 RICE STREET, SUITE 220
LIHU'E, KAUAI, HAWAII 96766-1300
TEL (808) 241-6315
FAX (808) 241-6319

Deputies

Harrison K. Kawate, First Deputy
Mona W. Clark
Rosa Flores
Margaret H. Sueoka
James K. Tagupa

December 19, 2007

Laura H. Thielen, Chair
Board of Land and Natural Resources
State of Hawaii
P.O. Box 621
Honolulu, HI 96809

Re: Request for Placement on January 11, 2008 Agenda:
Approval of Placement of Hazard and Management Signs on
Improved Public Lands: Portion of County of Kauai Bicycle and
Pedestrian Pathway, from Lihi Park in Kapa'a to Kealia Beach

In accordance with Act 82, the County of Kauai is requesting that its sign plan for warnings of dangerous natural conditions on a portion of the County of Kauai's proposed bicycle and pedestrian pathway (hereinafter referred to as "Pathway Portion"), be placed on the January 11, 2008 agenda for Board review and approval.

The instant request to have this matter be placed on the January 11, 2008 Board agenda is to allow the County of Kauai adequate time to install approved appropriate signage as set out in the attached sign plan for the proposed Pathway Portion that the County of Kauai seeks to tentatively open to public use on February 15, 2008.

The Pathway Portion that the County of Kauai tentatively seeks to open extends from Lihi Park in Kapaa to Ke'alia Beach. This Pathway Portion is designated as a County of Kauai park, and is within the jurisdiction of the Department of Parks and Recreation, County of Kauai.

EXHIBIT 1

The County of Kauai is submitting an original and three copies of the following documents:

1. Exhibit "A": Map depicting full length of the Pathway Portion that is tentatively intended to be opened to the public on February 15, 2008.
2. Exhibit "B": Map identifying area of the identified potentially dangerous natural conditions on the Pathway Portion that is tentatively intended to be opened to the public on February 15, 2008.
3. Exhibit "C": Map depicting the location of proposed entrance signs to identified potentially dangerous natural conditions areas on the Pathway Portion that is tentatively intended to be opened to the public on February 15, 2008.
4. Exhibit "D": Depictions of proposed Entrance Hazard Signs that will be placed throughout the identified potentially dangerous natural conditions areas as set out in the County of Kauai's sign plan.
5. Maps BC-6, BC-7, BC-8, and BC-9: Topographical maps depicting areas of the identified potentially dangerous natural conditions on the Pathway Portion that is tentatively intended to be opened to the public on February 15, 2008.
6. Exhibit "E": Depictions of proposed Site-Specific Hazard Signs.

Other than as set forth in the attached exhibits and maps, there were no areas identified in a large part of the Pathway Portion that the County of Kauai seeks to open to the public running through the town of Kapa'a that required signs notifying the public of potentially dangerous natural conditions.

Entrance site warning signs will be placed at the three designated entrances to the segment of the Pathway Portion containing the identified potentially dangerous natural conditions as further described in Exhibit C.

The three designated entrances are: (1) Rest Pavillion No. 2; (2) the Kapa'a Overlook; and (3) the south end of the parking lot at Kealia Beach. (See Exhibit C.)

Each designated entrance location will have two signs, one warning of falling rocks along the trail and one warning of hazardous cliffs along the trail. The location of the proposed placement of the warning signs are at the designated entrances as depicted in Exhibit C. Depictions of the proposed actual entrance hazard signs are depicted in Exhibit D.

Topographical maps of the Pathway Portion that contain identified potentially dangerous natural conditions with proposed placement of proposed warning signs are enclosed as Map BC-6, Map BC-7, Map BC-8 and Map BC-9. These topographical maps, with corresponding proposed placement of proposed warning signage, are enlargements of the area shown in Exhibit B.

The identified potentially hazardous cliff areas with corresponding proposed placement of proposed warning signs, are located primarily in the southern portion of the area of identified potentially dangerous natural conditions as depicted on Maps BC-6 through BC-9.

The identified potentially hazardous rock fall areas with corresponding placement of proposed warning signs are located primarily in the northern portion of the area of identified potentially dangerous natural conditions, with the heaviest concentration occurring on Map BC-9.

Pursuant to Act 82, it is therefore requested that the County of Kauai's enclosed Request for Placement of Hazard and Management Signs on Improved Public Lands: Portion of County of Kauai Bicycle and Pedestrian Pathway, from Lihi Park in Kapa'a to Kealia Beach be placed on the Board's January 11, 2008 agenda for review and approval.

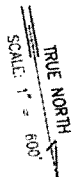
If there are any questions with regard to the foregoing, please do not hesitate to communicate with this office.

Office of the County Attorney
County of Kauai

By 

MATTHEW S. K. PYUN, JR.
HARRISON K. KAWATE
MONA W. CLARK

Enclosures



FED. ROAD DIST NO	STATE	FED. AID PROJ NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
HAWAII	HAW.	5TH-0706(46)	2005	7	213



TRUE NORTH
SCALE: 1" = 600'

FED. ROAD DIST NO	STATE	FED. AID PROJ NO	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	SP-3702(M)	2005	7	213


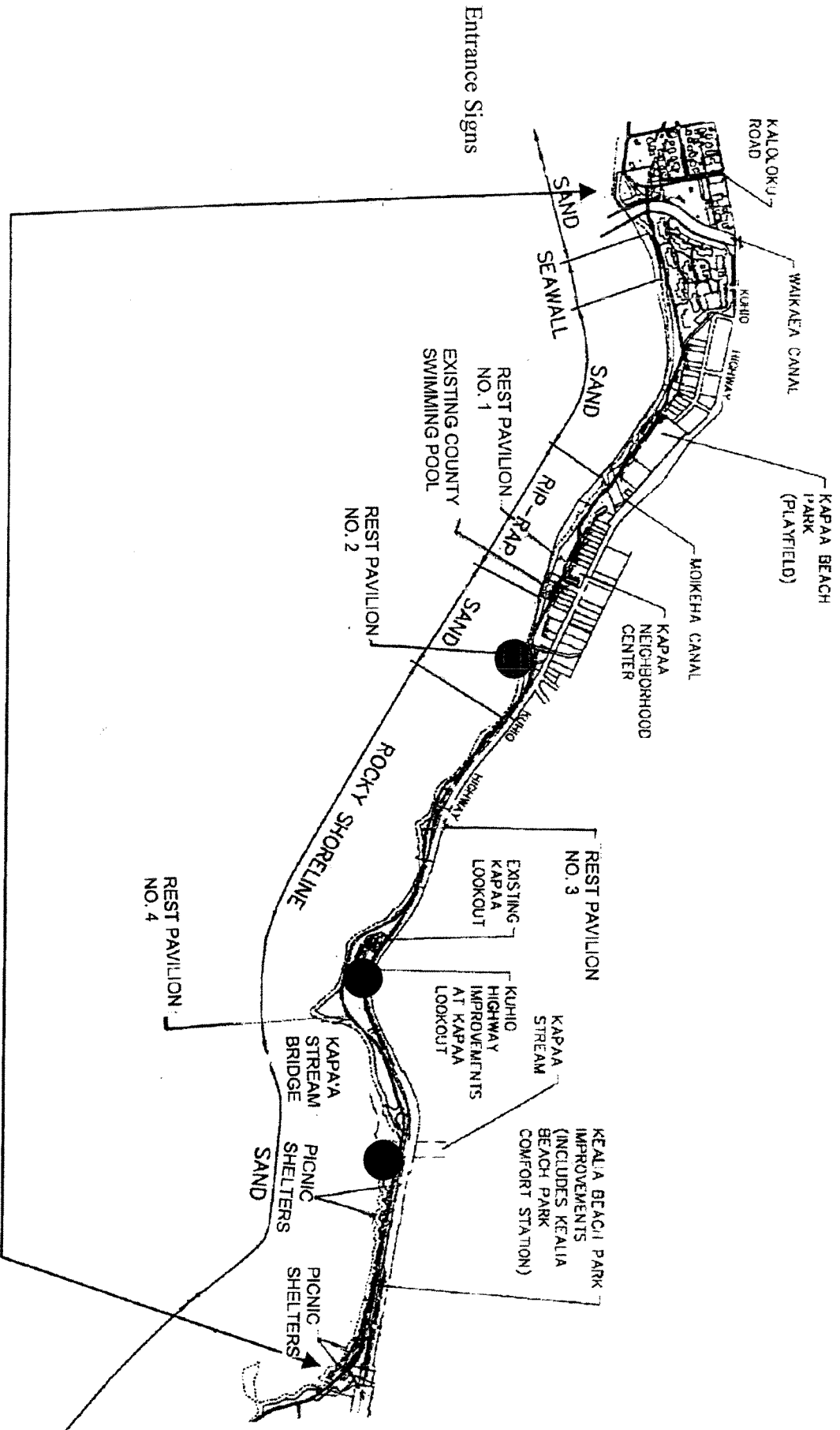
		COUNTY OF MAUI DEPARTMENT OF PUBLIC WORKS PLANNING DIVISION	
KAPAA-KEALA HINE & PEDESTRIAN PATH SHELBY TO KUALA POINT TOWN, MAUI, HAWAII		GENERAL LAYOUT PLAN F&P NO. SM-0700 (48)	
DRAWN BY: CHECKED BY: APPROVED:	T.S. C.A.	DATE: 08/27/83	
PROJECT: OF 213 SHEETS		SHEET: AC-7	

Exhibit C



Kapa'a to Keālia Pathway

Designated Entrances have both of the entrance signs and are shown by a ●



WARNING
Falling Rocks!

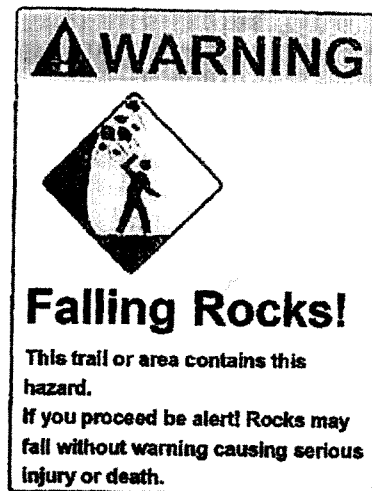
This trail or area contains this hazard.
If you proceed the alert hiker may feel without warning causing serious injury or death.



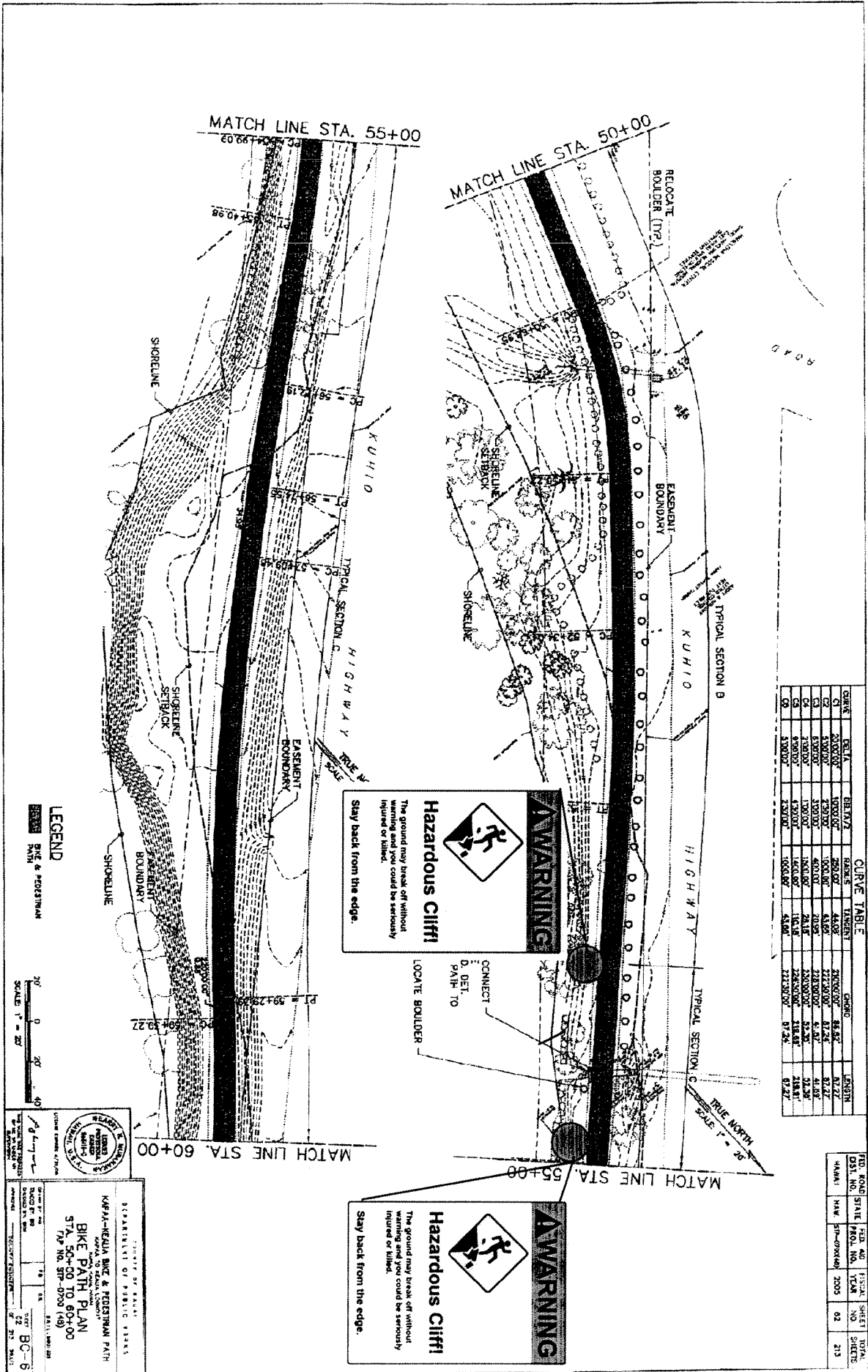
WARNING
Hazardous Cliffs!

This trail or area contains this hazard.
The trail may break off without warning and you could be seriously injured or killed.

Entrance Hazard Signs



PROJECT: KUHIO ACAD. DRAINAGE DIST. STY.
 FILE: 12/07/99
 SCALE: 1"=20'
 CURRENT DATE: MAY 02, 2006 - 3:37PM
 LAST SAVED BY:
 LAST UPDATED: FEB 27, 2006 - 11:05AM



CURVE TABLE

CHANCE	DELTA	DEGREE	LENGTH
100.00'	100.00'	44.00'	82.27'
200.00'	200.00'	44.00'	82.27'
300.00'	300.00'	44.00'	82.27'
400.00'	400.00'	44.00'	82.27'
500.00'	500.00'	44.00'	82.27'
600.00'	600.00'	44.00'	82.27'
700.00'	700.00'	44.00'	82.27'
800.00'	800.00'	44.00'	82.27'
900.00'	900.00'	44.00'	82.27'
1000.00'	1000.00'	44.00'	82.27'

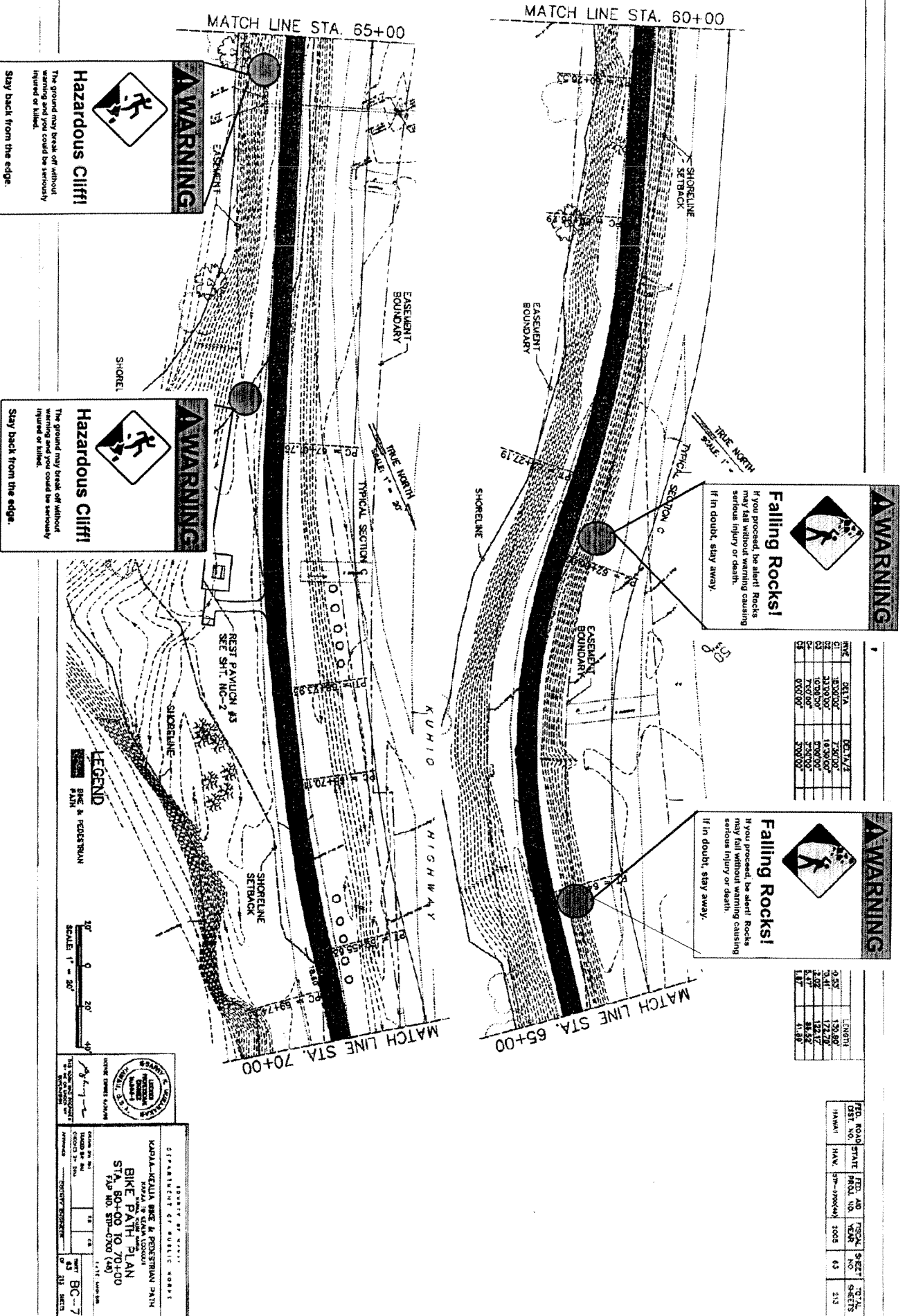
FILE NO.	STATE	FEED NO.	PROJECT NO.	SHEET NO.	TOTAL SHEETS
44441	HA	51-000000	2003	02	213

LEGEND
 BIKES & PEDESTRIANS
 PATH

SCALE 1" = 20'

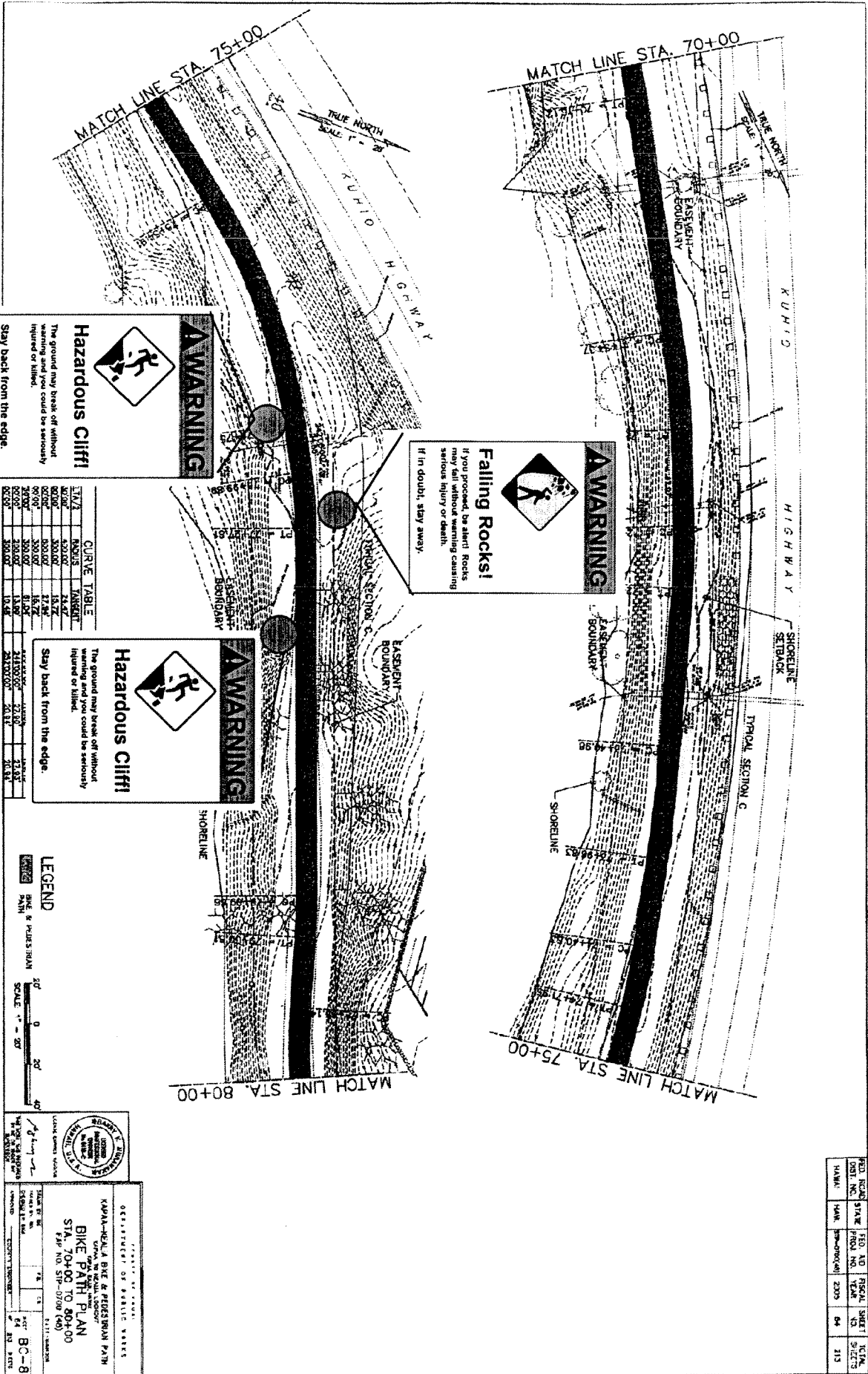
DEPARTMENT OF PUBLIC WORKS
 KUHIO-ACAD. BIKES & PEDESTRIAN PATH
 BIKES & PEDESTRIAN PATH
 STA. 50+00 TO 60+00
 (N/A) (N/A) (N/A) (N/A)

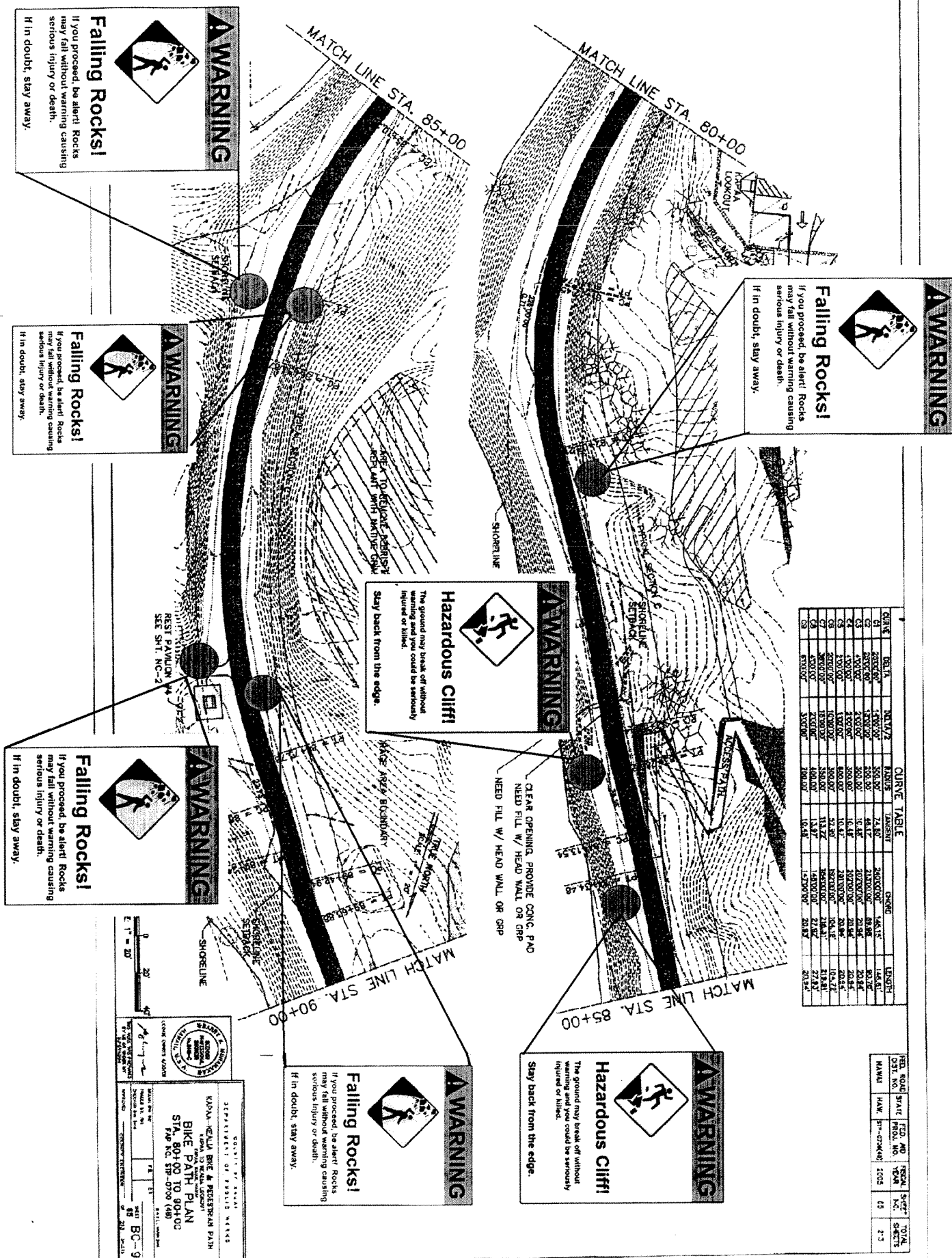
PROJECT: KUHIO ACAD. DRAINAGE DIST. STY.
 FILE: 12/07/99
 SCALE: 1"=20'
 CURRENT DATE: MAY 02, 2006 - 3:37PM
 LAST SAVED BY:
 LAST UPDATED: FEB 27, 2006 - 11:05AM



PROJECT: KUHIO HARBOR BIKEWAY STP
 PREPARED BY: KAPPA-MEALA ENGINEERING, LTD.
 DATE: 12/03/06
 SCALE: 1" = 20'

CURRENT DATE: MAY 02, 2006 - 5:05pm
 LAST DATED BY: [Signature]
 LAST UPDATED: Thu 12 Jan 2006 - 3:20pm





Site-Specific Hazard Signs

